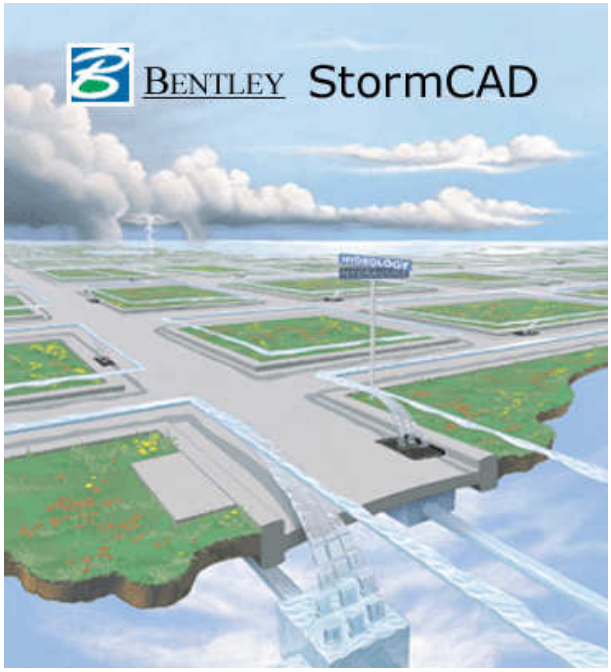
Georgia Department of Transportation

GDOT Haestad – StormCAD Engineering Libraries



Georgia Department of Transportation
Engineering Software TEAM

Haestad – StormCAD Engineering Libraries

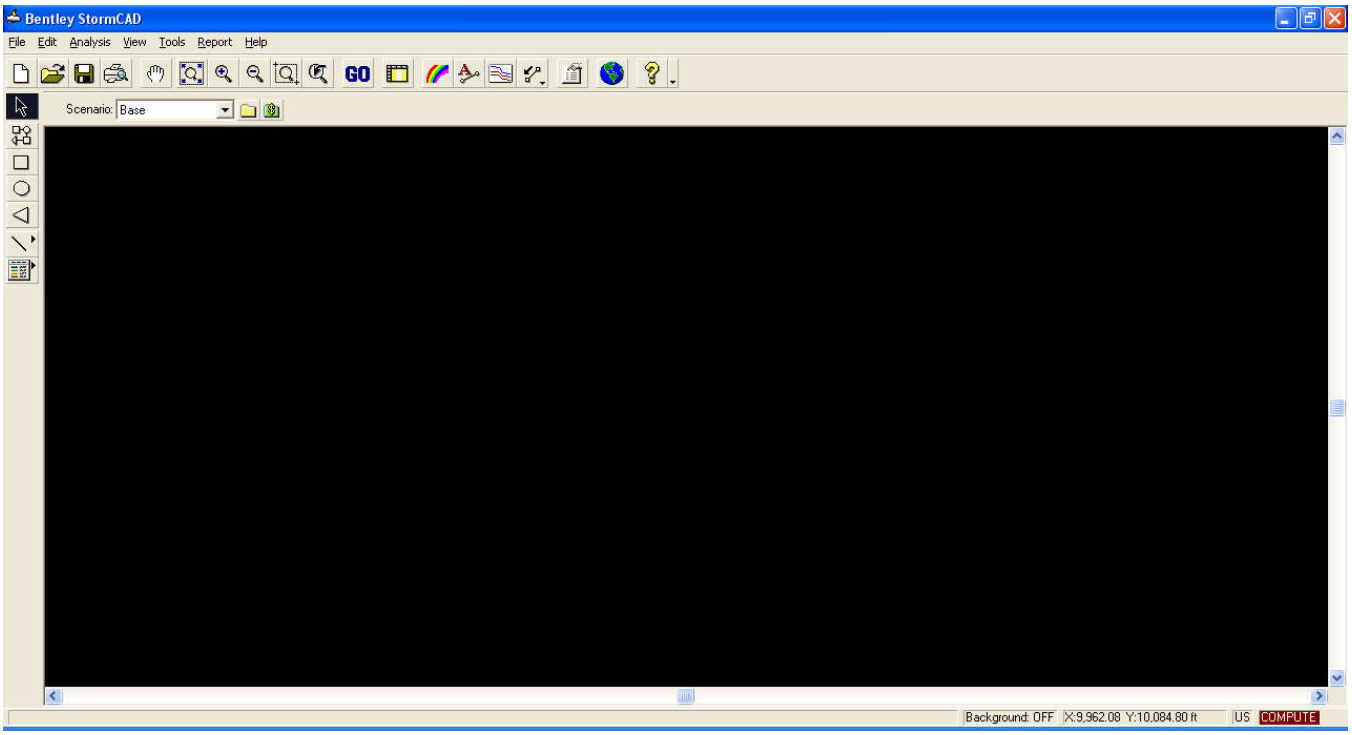
The Haestad **StormCAD** Module is utilized for the design and analysis of closed conduit systems or networks. The Georgia Department of Transportation has customized three Engineering Libraries for use in the Haestad **StormCAD** Module. These include the GDOT inlets Library (gdot inlets.hlb), the Materials Library (material.hlb) and the Pipes Library (pipes.hlb). The Engineering Libraries conform to the current ***GDOT Standards and Construction Details*** and are available in a **HaestadALL** executable which can be downloaded from the **R.O.A.D.S. Web Page**.

After obtaining the standard files (Engineering Libraries) by downloading and running **HaestadALL.exe**, the Libraries will need to be referenced for use in **StormCAD**. This is accomplished by using the **StormCAD *Engineering Library Manager***.

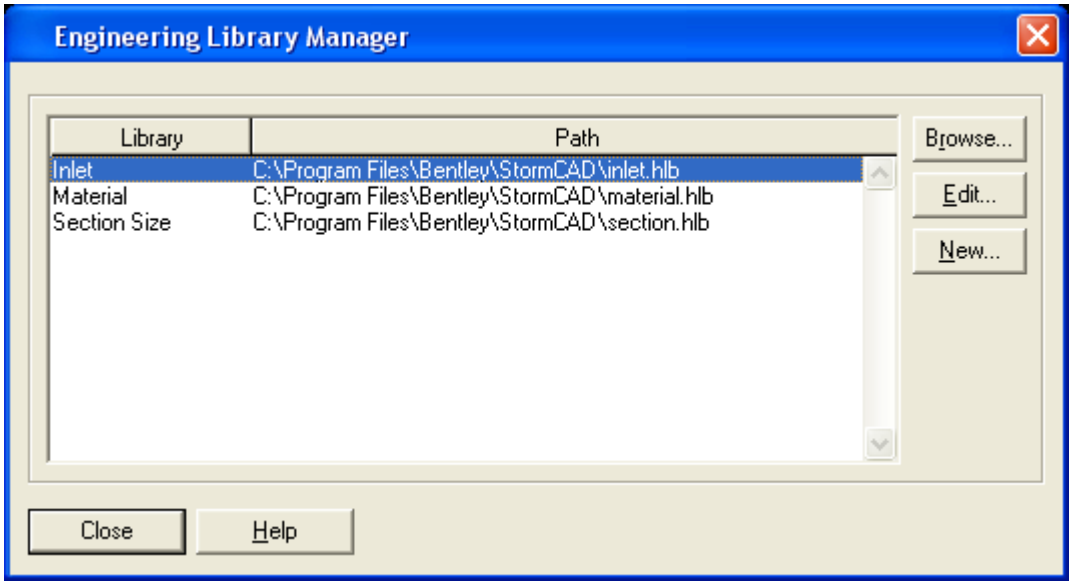
- Reference the ***gdot inlets library***
- Reference the ***materials library***
- Reference the ***pipes library***

1) From the Windows XP Task Bar select:
Start ▶ Programs ▶ Bentley ▶ StormCAD ▶ StormCAD

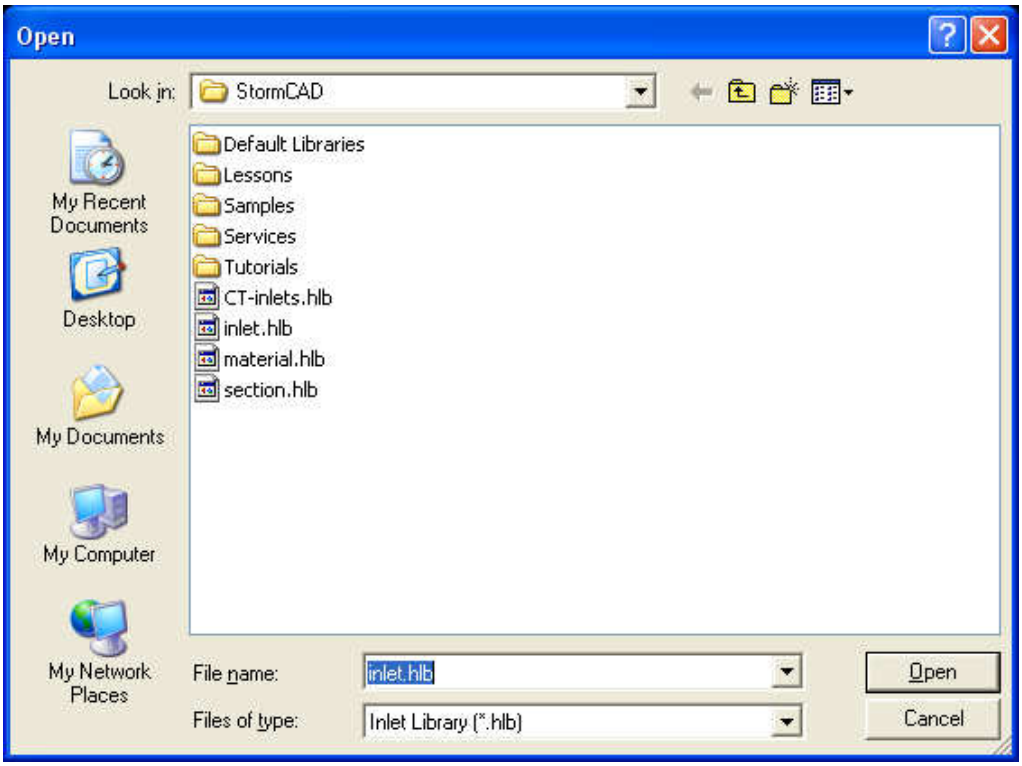
2) The **Haestad StormCAD Module** will open as shown below:



3) Select **Tools▶Engineering Libraries…** and the following dialog box will open:

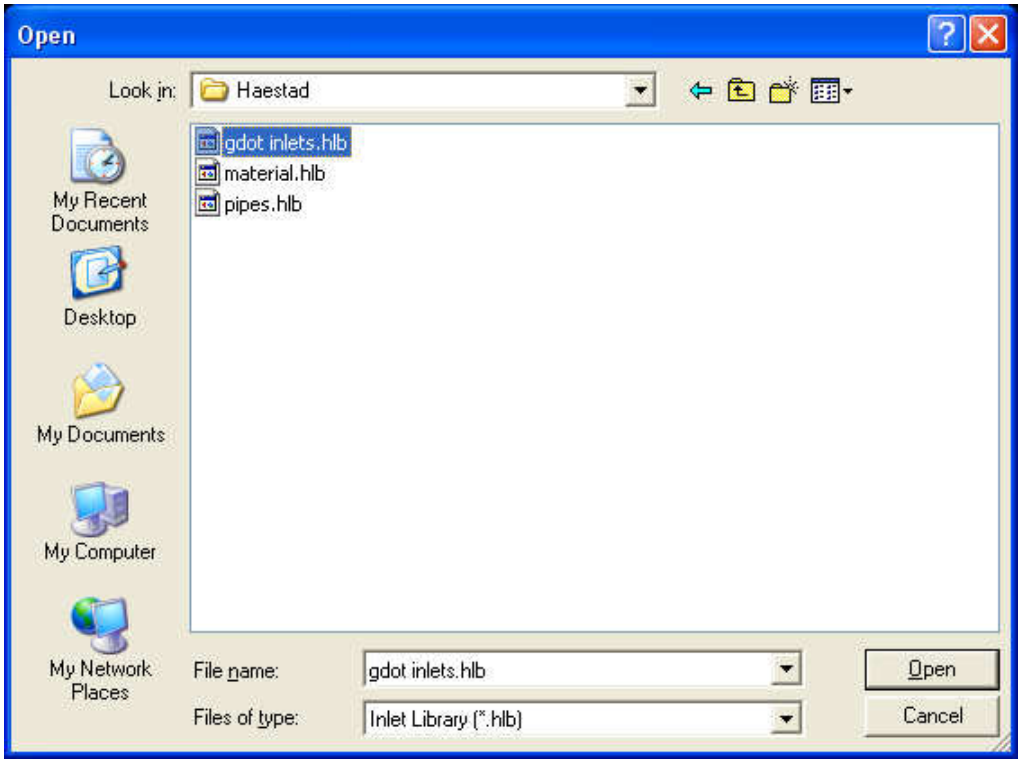


4) Highlight the ***Inlet*** (Library and Path) and then click the **Browse** button -- the following dialog box will open:

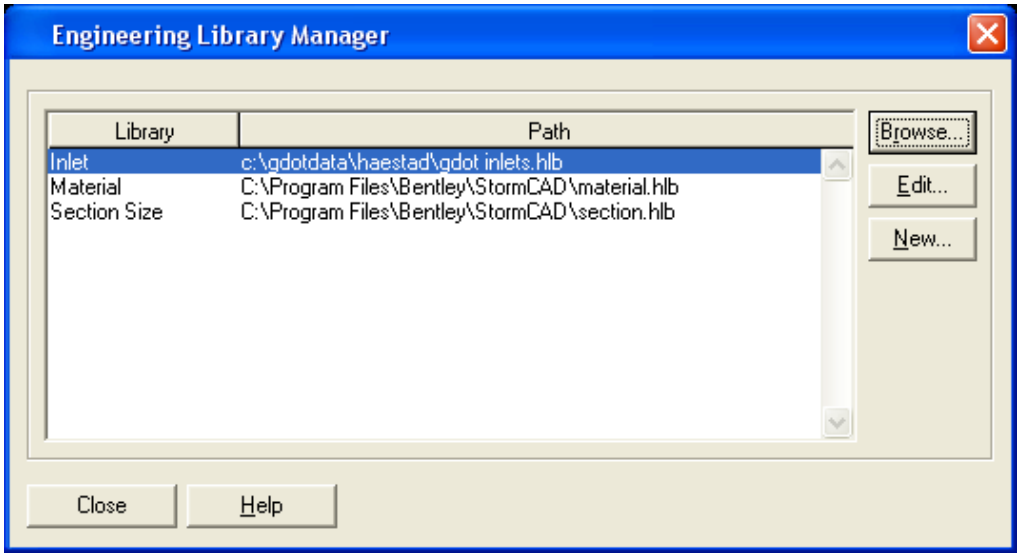


5) Select the "*Look in*" pull down and browse to the folder/directory:
C:\GDOTdata\Haestad

6) The following "*Open*" dialog box should appear:



7) Highlight and select the file *gdot inlets.hlb* and then click **Open**. The *gdot inlets.hlb* library is now referenced to **StormCAD**. The following dialog box will then appear:



8) Repeat **Steps 4-7** for the *Material* and the *Section Size (pipes)* libraries. After all three libraries have been referenced to **StormCAD** – the design and analysis of the closed conduit system can be initiated.